PATENT
Docket No.: SYM-606C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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T.D.
05/13/03
(NE)

Group Art Unit:	2143	Examiner:	George C. Neurauter
Serial No.	09/686,123	Filed:	October 10, 2000

In re Application of: Gernert, et al.

For: COMMUNICATION IN A WIRELESS COMMUNICATIONS NETWORK WHEN A MOBILE COMPUTER TERMINAL MAY BE UNREACHABLE

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
on 5/6/03, *Signed* Martha N. Griffin
Martha N. Griffin

AMENDMENT AND RESPONSE TO OFFICE ACTION

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 7, 2003, kindly amend the above-identified application as follows.

Please amend the paragraph staring at page 7, line 23 as follows:

A method for communication between a host computer and at least one mobile computer terminal which provides an efficient way of running a computer network where ~~the~~ at least one mobile computer terminal operates at a remote site, has selectable operating characteristics, and is connected to the host computer through a wireless communications network, and wherein the host computer executes an application program in which data is enter from ~~the~~ at least one mobile computer terminal and processed by the application program, the method comprising the steps of: configuring the operating characteristics of the mobile computer terminal to correspond to data field characteristics required by the application program running on the host computer; utilizing ~~the~~ at least one mobile computer terminal to automatically acquire data at the

remote site in response to a data acquisition program running on ~~the~~ at least mobile computer terminal; transforming the acquired data into a data structure in the mobile computer terminal in accordance with ~~said~~ the data field characteristics required by the application program running on the host computer; and transferring the data structure to the host computer over the wireless communications network.

Please amend the paragraph beginning on page 9, line 1 as follows:

FIG. 3 is a ~~flow~~ block diagram depicting ~~[a method of communication between a host computer and at least one mobile computer terminal designed to accept bar code symbols as input in accordance with a second embodiment of the present invention]~~ a data packet transmitted between a host computer and at least one mobile computer terminal.

Please replace the paragraph beginning at page 9, line 9 as follows and these following new paragraphs:

FIG. 4 is a flow diagram depicting a method for communication between a host computer and at least one mobile computer terminal ~~third embodiment~~ in accordance with a first embodiment of the present invention.

FIG. 5 is a flow diagram depicting a method of communication between a host computer and at least one mobile computer terminal designed to accept bar code symbols as an input in accordance with a second embodiment of this invention.

FIG. 6 is a block diagram of a network having a host computer and at least one mobile computer terminal in accordance with a second embodiment of this invention.

FIG. 7 is a flow diagram depicting a method of communication between a host computer and at least one mobile computer terminal using a batching method when at

least one mobile computer terminal in accordance to a second embodiment of this invention.

FIG. 8 is a diagram of a network in accordance with a third embodiment of this invention.

FIG. 9 is a diagram of a network in accordance with a fourth embodiment of this invention.

FIG. 10A illustrates a top view of a portable scanning device in accordance with this invention.

FIG. 10B illustrates a side view of the portable scanning device in accordance with this invention.

FIG. 10C illustrates a perspective view of the portable scanning device in accordance with this invention.

FIG. 11 illustrates a connection for a portable scanning device to a network in accordance with this invention.

Please amend the paragraph beginning at page 9, line 16 as follows:

FIG. 2 is a flow diagram depicting the typical data flow between a sender and a receiver in a network environment. At 30, an application sends information to a user buffer 32, which is then read back using protocol modules 34. The data is then buffered through a ~~kernal~~ 36 before sent through an interface 38 to a network media access control (MAC) 40. Similarly, when data is received by a Network MAC 42 in an interface 44, it is subsequently buffered through a ~~kernal~~ 46, read out by protocol modules 48, passed into a user buffer 50 and eventually used by an application 52.

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Martha N. Griffin

TRANSMITTAL LETTER

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed please find a Response to the Office Action dated March 7, 2003, in connection with the above-identified application.

In the event the patent office charges a fee for filing the above-noted document, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, the Assistant Commissioner is hereby authorized to charge or credit the difference to our Deposit Account No. 50-0612. An additional copy of this page is enclosed.

Respectfully submitted,
Sierra Patent Group, Ltd.

Dated: May 6, 2003

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